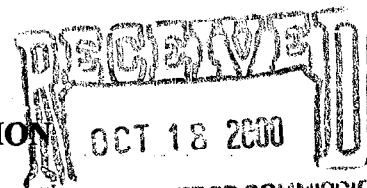


**COPY**  
**STATE OF ILLINOIS**  
**ILLINOIS COMMERCE COMMISSION**



Form 3

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Date: October 17, 2000

X-11512

700-0048

To the **ILLINOIS COMMERCE COMMISSION**:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Installation of Flashing Light Crossing Signals with Gates and 12" lenses. Front and back lamp

assemblies on both signal masts at: CH-14 in Griggsville, Pike County, Illinois, DOT: 479 517C,

MP. DH-477.35. Road construction and surface work involved.

File No. 061-04.492

Project No. 04.0465

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

**WHEREFORE**, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By

R. H. Ray, Administrator  
Highway Grade Crossings

Thomas W. Ambler  
(Attorney for Petitioner)

Norfolk Southern Corporation  
Three Commercial Place  
Norfolk, VA 23510-2191  
(Attorney's Address)

**DOCKETED**

**Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).**

1. Name of Railroad Company Norfolk Southern Railway Company

2. Crossing Number 47<sup>9</sup> 517C

3. Village or City Griggsville

4. Name of Street or Highway CH-14

5. Public Agency Maintaining Highway County

6. Protection now established:

Reflectorized Cross Bucks

7. Protection desired:

Automatic flashing light warning devices with gates controlled with constant warning time  
circuitry.

8. Number of main tracks One Other tracks None

9. Number of passenger movements:

6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None

10. Number of freight train movements:

6 a.m. to 6 p.m. Six 6 p.m. to 6 a.m. Ten

11. Approximate number of switch movements:

6 a.m. to 6 p.m. Two 6 p.m. to 6 a.m. None

12. Maximum speed of trains at crossing on each track in each direction:

North/East 60 M.P.H.

South/West 60 M.P.H.

13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

175 AADT including automobile, trucks and buses

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

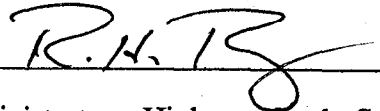
**ADDITIONAL INFORMATION**

Drawing attached for question no. 16

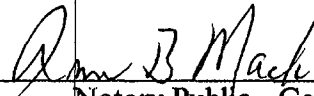
(File Original and Two Duplicates)

**VERIFICATION**

I, R. H. Ray, first being duly sworn upon oath depose and say that I am  
Administrator - Highway Grade Crossings, of Norfolk Southern Railway Company, a  
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the  
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon  
information and belief, and as to those, I believe same to be true.

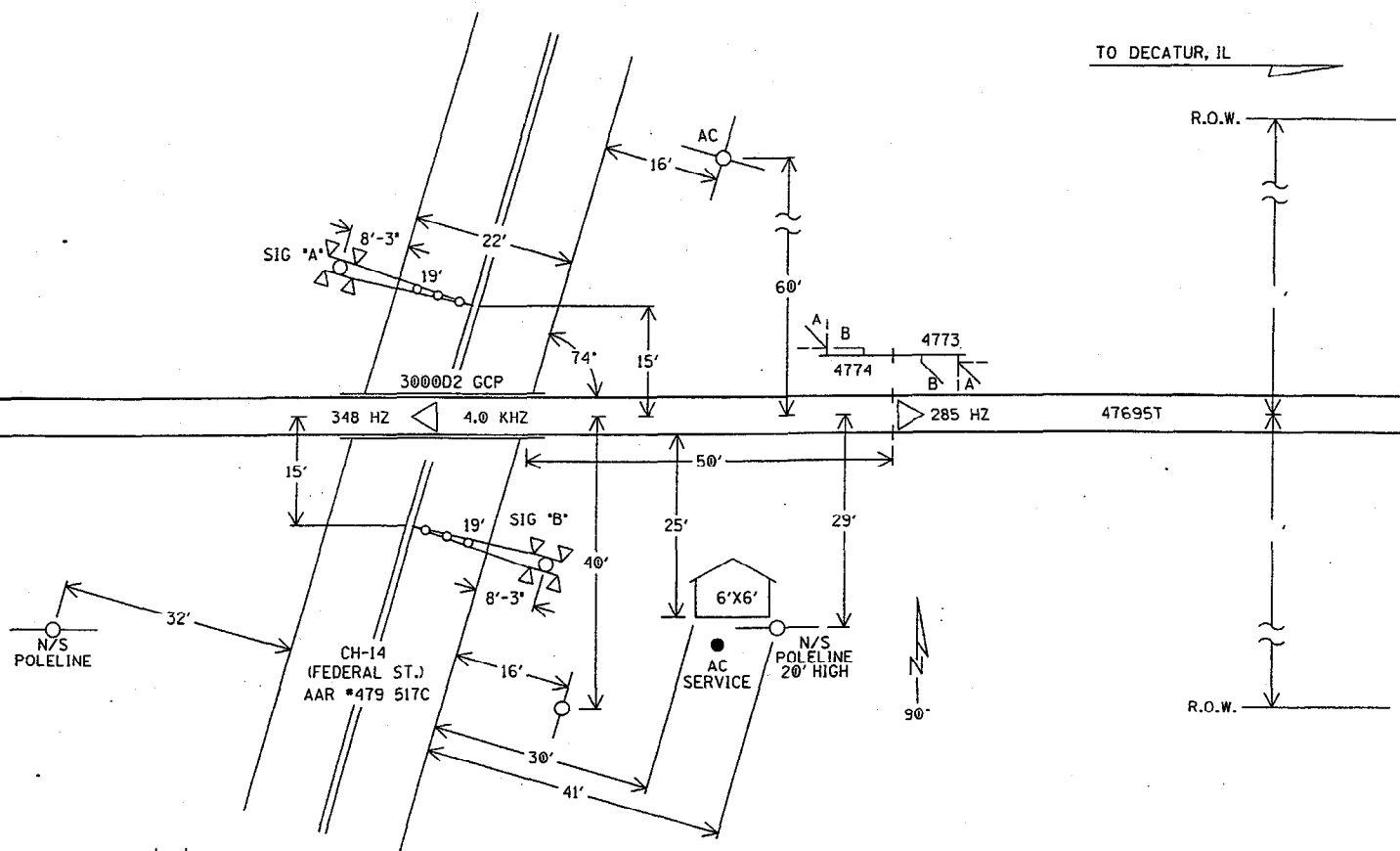
  
Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 17<sup>th</sup>  
day of October 20 00.

  
Notary Public - Georgia  
Notary Public, Gwinnett County, Georgia  
My Commission Expires October 26, 2000  
My Commission Expires: \_\_\_\_\_

TO DECATUR, IL

APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	CWT
	E.B./W.B. APPROACH
STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	26-30
EQUIPMENT RESPONSE TIME	4
TOTAL TIME	30
MAX. SPEED (M.P.H.)	50
APPROACH DISTANCE (FEET)	2190



1. MAX. TRAIN SPEED 50 M.P.H.  
2. LATITUDE N 39° 42' 12"  
LONGITUDE W 90° 42' 14"  
ELEVATION 515'  
3. RADIO COMBO #5  
4. SIGNAL 'A' TO HAVE BELL.  
5. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.  
6. CROSSING LOCATED IN PIKE COUNTY.  
7. NEAREST STREET ADDRESS IS N/A  
8. NEAREST INTERSECTING STREET IS 2100N

N4774HDGW	N4754HDGE
4774HDGW	4754HDGE
NEHDW	N4773HDGE
EHDW	4773HDGE

IN SERVICE \_\_\_\_\_ SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

☐ S&E ENGINEERING COPY

☐ CONSTRUCTION OFFICE COPY

RETURN TO S&E ENG. AFTER COMPLETION

☐ FIELD COPY

RETURN TO CASE AFTER COMPLETION


☐ PROJECT ENGINEER COPY

SCALE: 1" = 20'

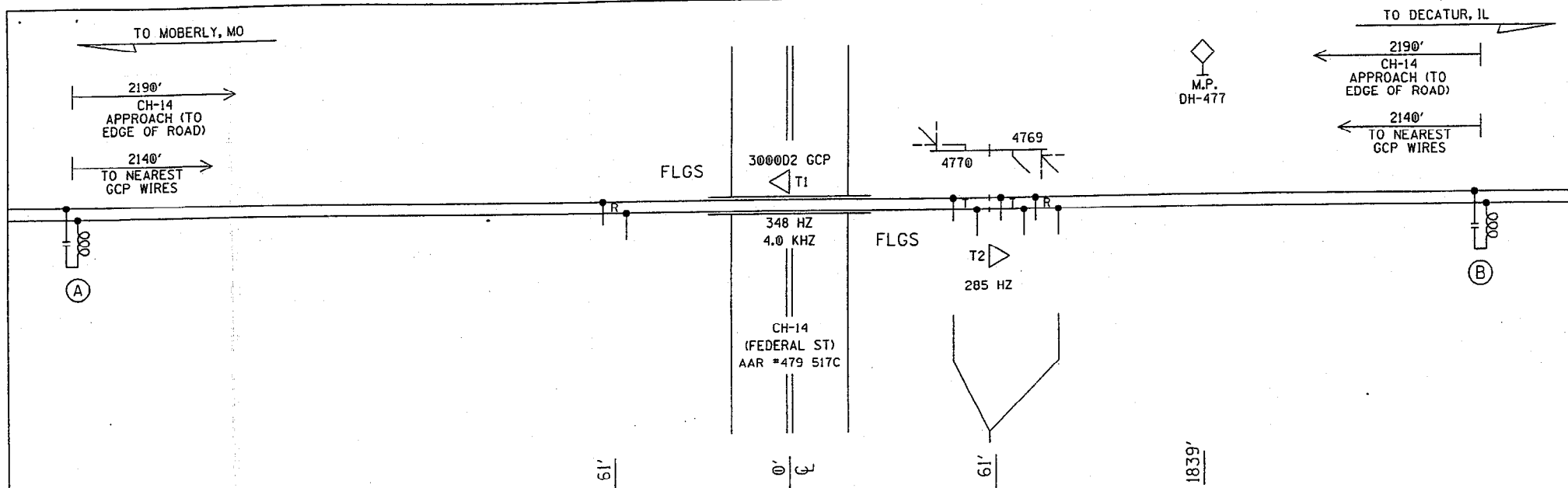
PROJECT #04.0465

LAYOUT

FILE No. 061-04.492

DESIGNED BY:	 <b>NORFOLK SOUTHERN</b>	
KSW 07-17-00	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: DH-477.35
DRAWN BY:	HANNIBAL MO TO MOSSER, IL	
SSC 07-17-00	GRIGGSVILLE, IL FLGS AT CH-14 & SIGS 4774/4773	
CHECKED BY:	SPRINGFIELD DISTRICT	
SCK 09-28-00	FILE No.	R-
IN SERVICE:	CADD or DWG. No.	SHEET No.
- -	SFDH47735.01	1 of 21

[illegible]




(A) - NBS 62775-1543 (348 HZ)

(B) - NBS 62775-1543 (285 HZ)

# PROFILE

REVISION  
INITIALS

PROPERTY  
NORFOLK SOUTHERN RAILWAY CO.

DESIGNED BY: KSW 07-17-00	 <b>NORFOLK SOUTHERN</b>	
DRAWN BY: SSC 07-17-00	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: DH-477.35
CHECKED BY: SCK 09-28-00	HANNIBAL, MO TO MOSSER, IL GRIGGSVILLE, IL FLGS AT CH-14 & SIGS 4774/4773	
IN SERVICE:	SPRINGFIELD DISTRICT	FILE No. R-
- -	CADD or DWG. No. SFDH47735.02	SHEET 2 of 21

**Detailed Estimate for Grade Crossing Warning Devices**

City/State: GRIGGSVILLE, IL  
MilePost: DH-477.35  
State Proj. No.:  
S&E Proj. No.: 04.0465  
Man Days: 104

Road: CH 14  
DOT/AAR: 479517C  
County: PIKE  
AFE:  
File Number: 061-04.492

**\*\*\*Purchases - Other\*\*\***

Meals and Lodging:	\$6,550.00	
Rental of Equipment:	\$14,320.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 26 Days)		
Construction Supervision Vehicle:	\$270.00	
Contingencies:	\$530.00	
Purchases - Other Total:		\$21,670.00

**\*\*\* Material and Additives\*\*\***

Material Cost:	\$75,460.00	
Sales and Use Tax:	\$3,770.00	
Material Handling Freight:	\$7,170.00	
Material Total:		\$86,400.00

**\*\*\*Labor and Additives\*\*\***

Labor Cost:	\$16,850.00	
(4 man crew at \$648.00 a day for: 26 days)		
Payroll Tax & Overheads:	\$14,590.00	
Preliminary Engineering:	\$4,430.00	
Construction Supervision:	\$4,760.00	
Labor Total:		\$40,630.00
Subtotal:		\$148,700.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$148,700.00

Estimated on 16-Oct-00

Estimated by: el9lb

**Estimate valid for 1 year from date of estimate**

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	GRIGGSVILLE
Road:	CH 14
Milepost:	DH-477.35
Drawing Number:	SFDH47735
State Project Number:	
County:	PIKE
A A R Number:	479517C
Project Number:	04.0465
File Number:	061-04.492
A F E Number:	
Store Number:	
Supervisor:	D.J. HOLLINGSEAD
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

Oct 16, 2000



Location: GRIGGSVILLE IL S&E Proj. No.: 04:0465 AFE No.: Drawing No.: SFDH47735 Page 1/5  
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
3	670-360693-4	EA	\$4.71	\$14.13	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN						
1	165-006505-4	EA	\$922.88	\$922.88	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
2	670-001321-4	EA	\$241.02	\$482.04	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
8	165-021628-4	EA	\$7.44	\$59.52	ARRESTER, LIGHTNING CLEARVIEW W/O BASE USS PART N451552-0201 SAFETRAN PART @022485-28X CR02-025565						
2	670-043532-4	EA	\$8.40	\$16.80	ASSEMBLY, COUNTERWEIGHT CLAMP & ROLLER, SAFETRAN #070925-X (CAN BE USED ON US&S MECHS, TOO)						
13	105-871901-4	EA	\$150.69	\$1,958.97	BATTERY, GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$181.50	\$181.50	BELL, CROSSING ELECTRONIC GENERL SIGNAL, EB-3-360-5 CR 02-044350						
2	670-169035-4	EA	\$1,803.00	\$3,606.00	BRACKET, GENERAL SIGNALS, INC. SK-1000, SPRING LOADED ADAPTOR FOR AL. GATES 28" OR LESS, NORMAL						
2	670-000977-4	EA	\$56.65	\$113.30	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X						
500	465-292862-4	LF	\$0.98	\$490.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292896-4	LF	\$1.03	\$309.00	CABLE, U-3-10 POWER SOLID BARE COPPER CONDUCTOR, 45 MILS OKOLENE INSULATION,						
300	465-292929-4	LF	\$2.93	\$879.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
150	465-939422-4	LF	\$2.50	\$375.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
150	465-953191-4	LF	\$1.91	\$286.50	CABLE, UG 5 CONDUCTOR NO 9 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL FLAT						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: GRIGGSVILLE IL S&E Proj. No.: 04.0465 AFE No.: Drawing No.: SFDH47735 Page 2/5  
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
600	465-954727-4	LF	\$1.55	\$930.00	CABLE, UG 7 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL FLAT						
2	670-007551-4	EA	\$86.84	\$173.68	CHOKE, PSO BATTERY SAFETRAN NO. 7A360						
80	165-544477-4	FT	\$1.95	\$156.00	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
3	165-299316-4	EA	\$16.50	\$49.50	CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N,						
4	670-090450-4	EA	\$48.49	\$193.96	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W						
4	670-486646-4	EA	\$39.73	\$158.92	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	\$819.21	\$1,638.42	COUNTERWEIGHT PKAGE, 17-24'GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
6	670-007543-4	EA	\$281.71	\$1,690.26	COUPLER, PSO LINE SAFETRAN NO. 7A403						
3	670-080337-4	EA	\$0.71	\$2.13	DECAL, X'ING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT						
3	670-077544-4	EA	\$0.53	\$1.59	DECAL, X'ING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT						
1	670-986650-4	EA	\$353.00	\$353.00	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
4	670-228165-4	EA	\$10.48	\$41.92	EQUALIZER, SAFETRAN 022700-1X LESS BASE, MODERN NO. 700-1 SHUNT ARRESTER TRACK CIRCUITS CR 02- 197950						
4	670-000003-4	EA	\$250.00	\$1,000.00	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
3	670-015231-4	EA	\$372.96	\$1,118.88	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED						

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APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: GRIGGSVILLE IL S&E Proj. No.: 04.0465 AFE No.: Drawing No.: SFDH47735 Page 3/5  
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Date	Date		
1	670-477991-4	EA	\$286.11	\$286.11	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206						
1	670-123298-4	EA	\$165.36	\$165.36	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, ETC...						
2	670-764166-4	EA	\$886.35	\$1,772.70	LAMP ASSY. 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$8.24	\$49.44	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
6	255-590880-4	EA	\$15.26	\$91.56	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						
1	670-615484-4	EA	\$7,371.00	\$7,371.00	MAST, 12" SAFETRAN COMBO, FOR 21' TO 26' ARMS, 071465-G26LX, GATE IN FRONT OF ARM , USE THESE ARMS ONLY...670459678, 670188210, 670365149.						
2	670-001123-4	EA	\$984.68	\$1,969.36	MAST, 5" ALUMINUM 13'10" WITH SINGLE JCT. BOX BASE W/RODENT PL HARMON @250550-002, SERRMI A6071						
2	670-696127-4	EA	\$2,830.75	\$5,661.50	MECHANISM, GATE MODEL S40, COMPLETE W/RELAY S'TRAN # 074000-W000097						
1	670-499590-4	EA	\$2,324.00	\$2,324.00	MONITOR,HIGHWAY XING,DEMA-NS8NR W/DUAL SENSOR,NO RADIO,INCLUDES WIRING AND INSTALLATION						
4	670-001347-4	EA	\$56.65	\$226.60	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$9.27	\$9.27	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-597781-4	EA	\$128.75	\$128.75	PANEL, SAFETRAN # 91042-12 CABLE TERMINATION PANEL WITH 12 STRAPPED AAR TERMINALS						
2	670-802197-4	EA	\$410.00	\$820.00	PANEL, SAFETRAN 80026-38 2 TK. WITH 1 CK SURGE PANEL FOR 5 PAIR; 2 XMIT 2 REC 1 PAIR CK.						
1	670-015265-4	EA	\$188.49	\$188.49	PANEL, SAFETRAN# 80026-34 1 TRACK SURGE PANEL						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
1	670-514605-4	EA	\$8.24	\$8.24	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
13	670-555609-4	EA	\$40.17	\$522.21	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR						
1	670-166532-4	EA	\$137.50	\$137.50	PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR I/S AC BREAKER PANEL						
1	610-352470-4	EA	\$357.50	\$357.50	RADIO, RITRON, FREQUENCY COMBO #5, CH 1 = 160.440MHZ, CH 2 = 161.250MHZ.						
1	670-006800-4	EA	\$937.30	\$937.30	RECEIVER, PSO II SAFETRAN NO. 7A405-430 HZ						
2	670-007618-4	EA	\$937.30	\$1,874.60	RECEIVER, PSO II SAFETRAN NO. 7A405-970HZ						
4	465-002899-4	EA	\$20.40	\$81.60	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
4	670-707995-4	EA	\$348.14	\$1,392.56	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETRAN @400003						
2	670-708282-4	EA	\$303.62	\$607.24	RELAY, TYPE B1, TRACK 4 OHM .85A GRS A62-276, S'TRAN 400011						
1	670-680761-4	EA	\$418.18	\$418.18	RELAY, WSCD 224890 DN-22A 1000 OHM 2F-2B PL E1-20 REF BF						
1	670-670225-4	EA	\$537.66	\$537.66	RELAY, WSCD N157187 DN-11 1000 OHM 4F-4B PL E1-1 REF HN						
1	670-661852-4	EA	\$574.74	\$574.74	RELAY, WSCD N157284 DN-11 400 OHM 4F-4B SR PL E1-1 REF ED						
2	180-242069-4	EA	\$18.54	\$37.08	RESISTOR, ADJUSTABLE SAFETRAN 029603-3X 6.25 OHMS						
1	670-033611-4	EA	\$4,945.00	\$4,945.00	SHELTER, ALUM, 6X6 BARE FOR WIRED RACK, INCLUDES TELESCOPIC F'DATIONS & LOADING INTO CONTER						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: GRIGGSVILLE IL S&E Proj. No.: 04.0465 AFE No.: Drawing No.: SFDH47735 Page 5/ 5

Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
2	670-586967-4	EA	\$33.95	\$67.90	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-652773-4	EA	\$459.80	\$919.60	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND						
2	670-806648-4	EA	\$55.13	\$110.26	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$34.77	\$69.54	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X						
2	670-006438-4	EA	\$10.30	\$20.60	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X						
1	670-330382-4	RL	\$10.50	\$10.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						
13	165-917984-4	EA	\$4.12	\$53.56	TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @32118-001 OR						
1	670-006793-4	EA	\$578.86	\$578.86	TRANSMITTER, PSO II SAFETRAN NO. 7A400-430 HZ						
2	670-008997-4	EA	\$578.86	\$1,157.72	TRANSMITTER, PSO II SAFETRAN NO. 7A400-970HZ						
13	670-007238-4	EA	\$134.00	\$1,742.00	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-						
500	465-999111-4	LF	\$0.29	\$145.00	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT.AMT. NEEDED CR 02-620502						
500	465-999161-4	LF	\$0.17	\$85.00	WIRE, NO.16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254						
1	670-633408-4	EA	\$19,797.20	\$19,797.20	WIRED RACK, ALUM, XING EQUIP WITH 1 TRK 3000D2 GCP, 20 AMP XING CONT,CHARGER & SURGE PANELS						
1	450-986008-4	EA	\$7.18	\$7.18	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1						

Total Material \$75,463.37

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER